

01 ✓

**MATERIAL SAFETY DATA SHEET**

**THE CORTEC CORPORATION**

**4119 WHITE BEAR PARKWAY**

**ST. PAUL, MINNESOTA 55110**

**PHONE: 651-429-1100 OR TOLL FREE 1-800-4-CORTEC**

**FAX: 651-429-1122**

EMERGENCY PHONE NO.: CHEMTREC (FOR SPILL, LEAK, FIRE, EXPOSURE OR ACCIDENT): 1-800-424-9300 (DAY OR NIGHT)

\*\*\*\*\* VpCI CorrVerter \*\*\*\*\*

**SECTION I - PRODUCT IDENTIFICATION**

PRODUCT NAME: **VpCI CorrVerter**

PRODUCT DESCRIPTION: Proprietary waterborne rust-converting coating.

**SECTION II - HAZARDOUS INGREDIENTS**

INGREDIENT NAME(S)	WEIGHT PERCENT	OCCUPATIONAL EXPOSURE LIMITS	
		TLV OR PEL	LD-50
N.A.			

Carcinogenic: OSHA = no NTP = no IARC = no

H: 1 F: 1 R: 0 PP: B

**SECTION III - PHYSICAL DATA**

COLOR: Milky white PHYSICAL FORM: Viscous liquid

NON-VOLATILE (weight): 52-59% ODOR: Characteristic

FREEZING POINT: N.E. BOILING RANGE: N.E.

pH: N.A. MELTING RANGE: N.A.

EVAPORATION RATE: N.E. VAPOR DENSITY: N.E.

VAPOR PRESSURE: N.E.

DENSITY: 11.5-11.8 lb/gal (1.38-1.42 kg/l)

**SECTION IV - FIRE AND EXPLOSION DATA**

HMIS FLAMMABILITY RATING: 1

FLASH POINT: 199°F (92°C)

FLAMMABLE LIMITS: LEL: N.E. UEL: N.E.

EXTINGUISHING MEDIA: Water, carbon dioxide or other dry chemical fire fighting agents.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

SPECIAL FIRE FIGHTING PROCEDURES: Firefighters should wear self-contained breathing apparatus.

**SECTION V - HEALTH HAZARD DATA**

EMERGENCY AND FIRST AID PROCEDURES:

Eye Contact: Flush eyes with water for at least 15 minutes. Consult a physician. Skin Contact: Wash affected area with soap and water. If irritation persists, consult a physician. Inhalation: Remove to an uncontaminated area, administer oxygen if necessary. If victim has stopped breathing begin CPR. Get medical attention. Ingestion: If conscious, give water or milk and drink.

MEDICAL CONDITIONS PRONE TO AGGRAVATION BY

EXPOSURE: None known.

PRIMARY ROUTES OF ENTRY: Inhalation, skin and eye contact and skin absorption.

HEALTH HAZARDS (acute and chronic) / EFFECTS OF OVEREXPOSURE:

1. Repeated or prolonged skin contact with this material can be slightly irritating for skin.
2. Eye contact with this material causes irritation.
3. Excessive inhalation of high vapor concentrations may irritate the upper respiratory tract. If the product is sprayed or atomized, inhalation of particle mists may irritate the upper respiratory tract and should be avoided.
4. Ingestion of this product is expected to be harmful.

**SECTION VI - REACTIVITY DATA**

STABILITY: Stable

HAZARDOUS POLYMERIZATION: Will not occur.

HAZARDOUS DECOMPOSITION PRODUCTS: Oxides of carbon and nitrogen.

INCOMPATIBILITY: Strong acids, alkalis and oxidizing agents.

CONDITIONS TO AVOID: Contact with incompatible materials.

**SECTION VII - SPILL OR LEAK PROCEDURES**

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Absorb on sweeping compound or other absorbent material. Keep out of streams or waterways.

WASTE DISPOSAL: Incinerate or dispose of in accordance with existing Federal, State and Local environmental regulations.

**SECTION VIII - SAFE HANDLING AND USE INFORMATION**

RESPIRATORY PROTECTION: A respirator would not be required for open areas (not confined) with adequate ventilation when spraying. Adequate ventilation would include "the outdoors" or any "indoor environment" with controlled temperature systems that used forced air with high bays or other similar conditions. A dust/mist respirator to remove particle mists.

PROTECTIVE GLOVES: Chemical resistant rubber or plastic.

EYE PROTECTION: Safety goggles.

OTHER PROTECTIVE EQUIPMENT: Eye wash station.

**SECTION IX - SPECIAL PRECAUTIONS AND STORAGE DATA**

PRECAUTIONS TO BE TAKEN IN HANDLING: Avoid eye and skin contact. Avoid excessive inhalation of vapors and/or particle mists. Use in a well-ventilated environment.

PRECAUTIONS TO BE TAKEN IN STORING: Keep product from freezing, store at 40°F (4°C) or above. Keep away from heat or open flame.

**SECTION X - SHIPPING DATA**

DOT/IMDG/IATA SHIPPING NAME: N.A.

UN/NA NUMBER: N.A.

DOT/IMDG/IATA HAZARD CLASS.: N.A.

T.S.C.A. STATUS: Listed

DOT/IMDG/IATA REQUIRED LABELS: N.A.

TECHNICAL SHIPPING NAME: N.A.

PREPARED BY: Angel Green, Coatings Chemist

APPROVED BY: Margarita Kharshan, Lab Director

DATE PREPARED: 12/21/07

SUPERSEDES: 11/19/02

**DISCLAIMER:** This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of the Cortec Corporation. The data on this sheet relates only to the specific material designated herein. The Cortec Corporation assumes no legal responsibility for use or reliance upon this data.

N.E. = NOT ESTABLISHED

N.A. = NOT APPLICABLE